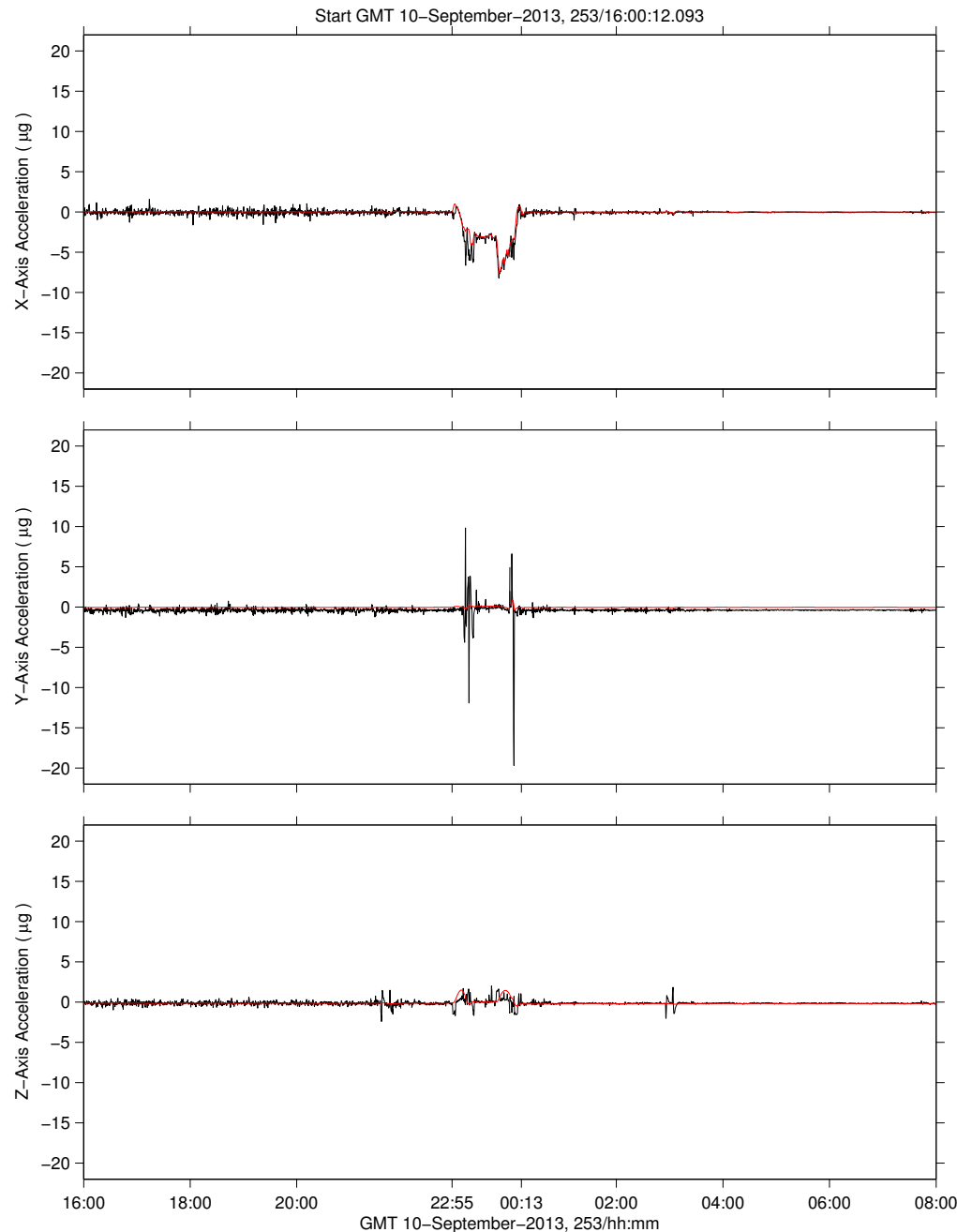


Soyuz 35S Undocking Quantify



Description

Sensor	ossbtmf 0.0625 sa/sec (0.01 Hz)
Location	LAB1O2, ER1, Lockers 3, 4
Plot Type	acceleration vs. time

Notes:

- A primary impact that happens during a vehicle undocking is the necessary attitude maneuvers used to orient the ensemble for optimal separation of soon-to-be two vehicles.
- Between about GMT 253/22:55 and 254/00:13, this plot of quasi-steady acceleration versus time shows a maneuver from +XVV/+ZLV to the undocking attitude of +ZVV/-XLV, then back again to +XVV/+ZLV for nominal operations after the Soyuz departs. These 2 maneuvers are separated in time by free drift to allow the Soyuz to undock without attitude corrections that might occur otherwise.

Regime:	Quasi-Steady
Category:	Vehicle
Source:	Soyuz 35S Undocking

